

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 14875-132US1	Application No. 10/500,184
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Sugo et al.	
		Filing Date June 25, 2004	Group Art Unit

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
JK	AA	5,994,511	11/30/1999	Lowman et al.			
JK	AB	6,172,213	01/09/2001	Lowman et al.			

Foreign Patent Documents or Published Foreign Patent Applications

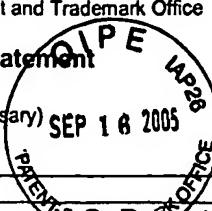
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AC	WO 99/51743 A1	October 14, 1999	PCT				
	AD	EP 1069185 A1	January 17, 2001	EPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
JK	AE	Bischoff and Kolbe, "Deamidation of Asparagine and Glutamine Residues in Proteins and Peptides: Structural Determinants and Analytical Methodology," <u>Journal of Chromatography B</u> , 662:261-278 (1994).
	AF	Blanche et al., "Stabilization of Recombinant Adenovirus: Site-Directed Mutagenesis of Key Asparagine Residues in the Hexon Protein," <u>Analytical Biochemistry</u> , 297:1-9 (2001).
	AG	Cacia et al., "Isomerization of an Aspartic Acid Residue in the Complementarity-Determining Regions of a Recombinant Antibody to Human IgE: Identification and Effect on Binding Affinity," <u>Biochemistry</u> , 35:1897-1903 (1996).
	AH	Chothia and Lesk, "Canonical Structures for the Hypervariable Regions of Immunoglobulins," <u>Journal of Molecular Biology</u> , 196:901-917 (1987).
	AI	Chothia et al., "Structural Repertoire of the Human V _H Segments," <u>Journal of Molecular Biology</u> , 227:799-817 (1992).
	AJ	Harris et al., "Identification of Multiple Sources of Charge Heterogeneity in a Recombinant Antibody," <u>Journal of Chromatography B</u> , 752:233-245 (2001).
	AK	Robinson and Robinson, "Deamidation of Human Proteins," <u>Proceedings of the National Academy of Sciences USA</u> , 98:12409-12413 (2001).
	AL	Robinson and Robinson, "Molecular Clocks," <u>Proceedings of the National Academy of Sciences USA</u> , 98:944-949 (2001).
	AM	Scotchler et al., "Deamidation of Glutamyl Residues: Dependence on pH Temperature, and Ionic Strength," <u>Analytical Biochemistry</u> , 59:319-322 (1974).
JK	AN	Tomizawa et al., "Stabilization of Lysozyme Against Irreversible Inactivation by Alterations of the Asp-Gly Sequences," <u>Protein Engineering</u> , 8:1023-1028 (1995).

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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(37 CFR §1.98(b))		Filing Date February 28, 2005	Group Art Unit 1645



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
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	AB						
	AC						
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	AF						
	AG						
	AH						
	AI						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes No
	AJ						
	AK						
	AL						
	AM						
	AN						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<i>UPL</i>	AO	Tyler-Cross et al. "Effects of Amino Acid Sequence, Buffers, and Ionic Strength on the Rate and Mechanism of Deamidation of Asparagine Residues in Small Peptides." Journal of Biological Chemistry 266(33):22549-22556, 1991.
<i>UPL</i>	AP	Goolcharan et al. "The Effects of a Histidine Residue on the C-terminal Side of an Asparaginyl Residue on the Rate of Deamidation Using Model Pentapeptides." Journal of Pharmaceutical Sciences 89(6):818-825, June 2000.
	AQ	
	AR	

Examiner Signature	Date Considered <u>2/7/06</u>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	